



Optional Accessory

Lighting Module

Lighting, the essential component for the photosynthesis reaction, is now free-of-worry for the Winpact fermentation system. We now offer special designed lighting module for your photosynthesis reaction. The lighting module is constructed with sleek stainless steel for better appearance and reflection when light shines through the vessel. The controlling software consists of 15 steps program, LUX adjustment, and self-calibration mode. With the ability for expansion and controlled by either manual or automatic mode, the lighting module is definitely your choice for running any photon-related lab experiments.

Specification

Light intensity control range	5-100%
Light module	3 Fluorescent lamps/each module
Lamp Specification	T5/14W, \varnothing 16mmxL549mm
Light Color Temperature	6500 K
Luminous flux per lamp	1150 lm
Sensor Type	Light Intensity sensor, Photo diode
Lux	Max. 10000 lux
Control mode	On/off and Timed control
Expandable modules	Up to 3 sets of the lighting modules
Unit Dimension (WxLxH)	200x326x648 mm
Weight	Approx. 7 Kg / each module
Rated Voltage	110/220V~(Selectable), 50/60Hz, 5A

Ordering Information

Cat. No.	Description
FS-O-PB-1	Photo-Bioreactor Lighting Module, 1 unit
FS-O-PB-2	Photo-Bioreactor Lighting Module, 2 units
FS-O-PB-3	Photo-Bioreactor Lighting Module, 3 units

Features

- Utilize artificial light to simulate bio-photosynthesis reaction
- Adjustable light intensity
- Fluorescent light source
- On-off timer feature
- Expendable up to 3 lighting modules
- Ideal for plants algae, or cyanobacteria experiments



15 steps programmable lighting schedule